**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled GENETIC CONTROL OF ORGAN ABSCISSION; the specification of which was filed on **July 29, 2003** as Application Serial No. **10/630,518**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/264,974

Filing Date: January 29, 2001

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)****Priority  
Claimed**

No.: **PCTUS02/01938**

Country: **PCT**

Date Filed: **January 22, 2002**

**Yes**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Sarah J. Liljegren**

Inventor's signature Sarah J. Liljegren

Date January 16, 2004

Residence: **704 Manor Ridge Drive, Carrboro, NC 27510**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of second inventor: **Joseph R. Ecker**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **2262 Vista La Visa, Carlsbad, CA 92009**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of third inventor: **Martin F. Yanofsky**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **5039 Manor Ridge Lane, San Diego, CA 92103**

Citizenship: **United States**

Post Office Address: **Same as above.**

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Full name of first inventor: **Sarah J. Liljegren**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **3268 Caminito Ameca, La Jolla, CA 92037**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of second inventor: **Joseph R. Ecker**

Inventor's signature  \_\_\_\_\_

Date 12-17-2007 \_\_\_\_\_

Residence: **2262 Vista La Visa, Carlsbad, CA 92009**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of third inventor: **Martin F. Yanofsky**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **5039 Manor Ridge Lane, San Diego, CA 92103**

Citizenship: **United States**

Post Office Address: **Same as above.**

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Send Correspondence To:  
**KNOBBE, MARTENS, OLSON & BEAR, LLP**  
**Customer No. 20,995**

---

Full name of first inventor: **Sarah J. Liljegren**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **3268 Caminito Ameca, La Jolla, CA 92037**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of second inventor: **Joseph R. Ecker**

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_

Residence: **2262 Vista La Visa, Carlsbad, CA 92009**

Citizenship: **United States**

Post Office Address: **Same as above.**

Full name of third inventor: **Martin F. Yanofsky**

Inventor's signature Martin F. Yanofsky

Date 12/22/03

Residence: **5039 Manor Ridge Lane, San Diego, CA ~~92103~~ 92130**

Citizenship: **United States**

Post Office Address: **Same as above.**

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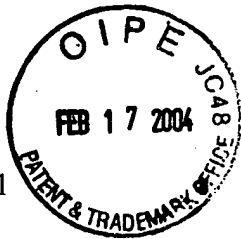
Send Correspondence To:

**KNOBBE, MARTENS, OLSON & BEAR, LLP**

**Customer No. 20,995**

M.F.  
12/22/03

SALKINS.035C1



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Liljegren, et al. )  
App. No. : 10/630,518 )  
Filed : July 29, 2003 )  
For : GENETIC CONTROL OF ORGAN )  
ABSCISSION )  
Examiner : Unknown )

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ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignees below (the "Assignees"). A true copy of the original Assignments of the above-captioned application from the inventors to the Assignees is attached hereto. These Assignments represents the entire chain of title of this invention from the Inventors to the Assignees.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C./1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040

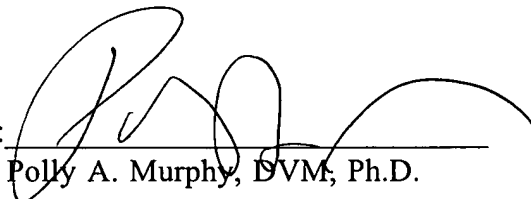
**App. No.** : 10/630,518  
**Filed** : July 29, 2003

Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. 3.71.

Please use **Customer No. 20,995** for all communications.

The Salk Institute For Biological Studies

Dated: January 22, 2004

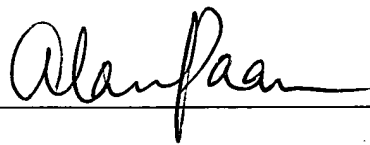
By:   
Polly A. Murphy, DVM, Ph.D.

Title: Vice President, Office of Technology  
Management

Address: 10010 North Torrey Pines Road  
La Jolla, CA 92037

The Regents of the University of  
California

Dated: December 22, 2003

By:   
Name: Alan S. Paau

Title: Asst. Vice Chancellor

Address: The Regents of the University of  
California  
1111 Franklin Street 5<sup>th</sup> Floor  
Oakland, CA 94607

ASSIGNMENT

92130  
92103  
h.v.  
2/22/03  
WHEREAS, I, Martin F. Yanofsky, a United States citizen, residing at 5039 Manor Ridge Lane, San Diego, CA 92103 have invented certain new and useful improvements in a GENETIC CONTROL OF ORGAN ABSCISSION for which I have filed an application for Letters Patent in the United States, Application No. 10/630,518, filed on July 29, 2003;

AND WHEREAS, The Regents of the University of California, San Diego (hereinafter "ASSIGNEE"), with its principal place of business at 9500 Gilman Drive, La Jolla, CA 92093, desires to acquire my entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, a said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of December, 2003.

Martin F. Yanofsky  
Martin F. Yanofsky

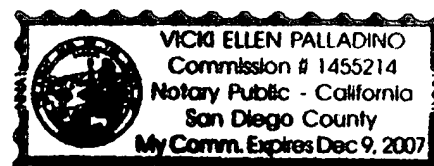
STATE OF California }  
COUNTY OF San Diego } ss.

On Dec. 22, 2003, before me, Vicki Ellen Palladino, personally appeared Martin F. Yanofsky personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Vicki Ellen Palladino  
Notary Signature



Applicant No.: 10/630,518  
Filing Date: July 29, 2003

PATENT  
Client Code: SALKINS.035C1  
Page 1

### ASSIGNMENT

WHEREAS, We, Sarah J. Liljegren, a United States citizen, residing at 704 Manor Ridge Drive, Carrboro, NC 27510, and Joseph R. Ecker, a United States citizen, residing at 2262 Vista La Visa, Carlsbad, CA 92009, have invented certain new and useful improvements in a GENETIC CONTROL OF ORGAN ABSCISSION for which we have filed an application for Letters Patent in the United States, Application No. 10/630,518, filed on July 29, 2003;

AND WHEREAS, The SALK INSTITUTE FOR BIOLOGICAL STUDIES (hereinafter "ASSIGNEE"), with its principal place of business at 10010 North Torrey Pines Road, La Jolla, CA 92037, desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

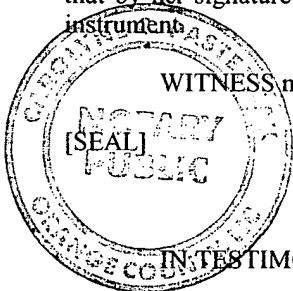
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of January, 2004 <sup>SL</sup>

Sarah J. Liljegren  
Sarah J. Liljegren

STATE OF NC }  
COUNTY OF Orange } ss.

On Jan. 16, 2004, before me, Sarah J. Liljegren, personally appeared Sarah J. Liljegren personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Carolyn C. Pasternak  
Notary Signature  
My commission expires 1-24-2004.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of Jan., 2004.

Joseph R. Ecker

Applicant No.: 10/630,518  
Filing Date: July 29, 2003

PATENT  
Client Code: SALKINS.035C1  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of January, 2004

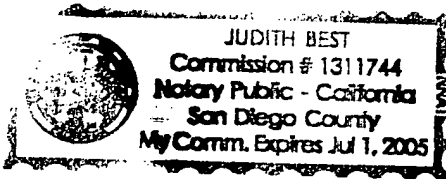
  
Joseph R. Ecker

STATE OF California  
COUNTY OF San Diego } ss.

On Jan. 12, 2004 before me, Judith Best, personally appeared Joseph R. Ecker personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Judith Best  
Notary Signature

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